Ingram Micro

Education Cloud

Backup accelerator

Configuration guide

Thank you for choosing Ingram Micro Cloud as your AWS Provider.

If you have any questions, please send us an e-mail on aws@ingrammicro.com

Overview

It is a simple one-stop backup solution for both workstation and server backup that combines image and file backups for data safety, deduplication, compression, encryption, fast recovery time and long-term archival, with all simplicity and efficiency of Infscape UrBackup.

Before you begin you will need (required):

An active AWS account with admin credentials
(create yours at www.ingrammicrocloud.com)

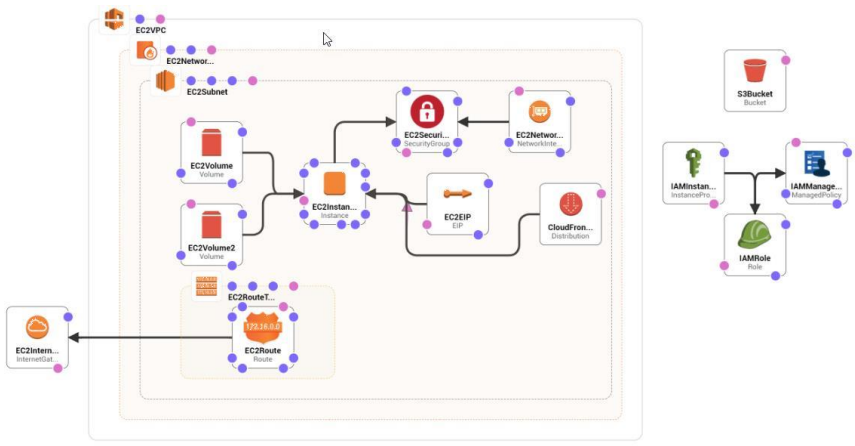
Enroll your AWS account
(request at https://bit.ly/3bUnUce)

Cloud Backup template file
(download at https://bit.ly/3zxGpOa)

Solution architecture

Technologies applied:

- S3
- EC2
- CloudFront
- UrBackup.



Cost considerations

This solution includes AWS infrastructure and software licensing costs, which can vary depending on the chosen configuration, region and resource consumption (data volume and transactions). The default configuration offered by the automation template considers the following costs:

Region	Service	Monthly	Currency	Configuration summary
EU (Ireland)	Amazon EC2	51.90	USD	Operating system (Linux), Quantity (1), Pricing strategy (On-Demand Instances), Storage amount (140 GB)
EU (Ireland)	S3 Standard	2.31	USD	S3 Standard storage (100 GB per month)
EU (Ireland)	Data Transfer	9.00	USD	DT Inbound: Not selected (0 TB per month), DT Outbound: Internet (100 GB per month)
EU (Ireland)	Software	14.14	USD	Infscape UrBackup Appliance license for t2.medium

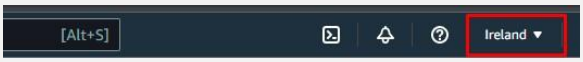
More details on the AWS Public Calculator: https://bit.ly/31yquCy

Configuration instructions

AWS Architecture

01

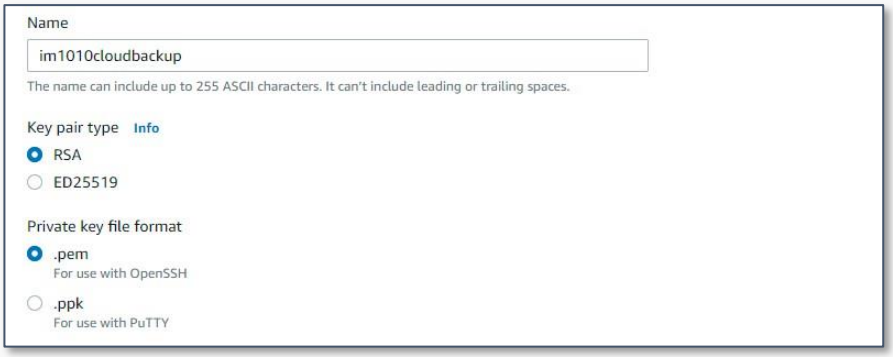
Access your AWS console and **select the region** you want to deploy the solution.



02

Enter **EC2** in the navigation bar, click on EC2, then navigate to Key Pairs on the left hand side. Click on **Create key pair**.

Fill out the form according to the following example:



Click on **Create key pair** to create the Key Pair.

(This will be your personal key to access resources on AWS, keep the downloaded file safe.
If you choose a different name, remember to inform that on step 6)

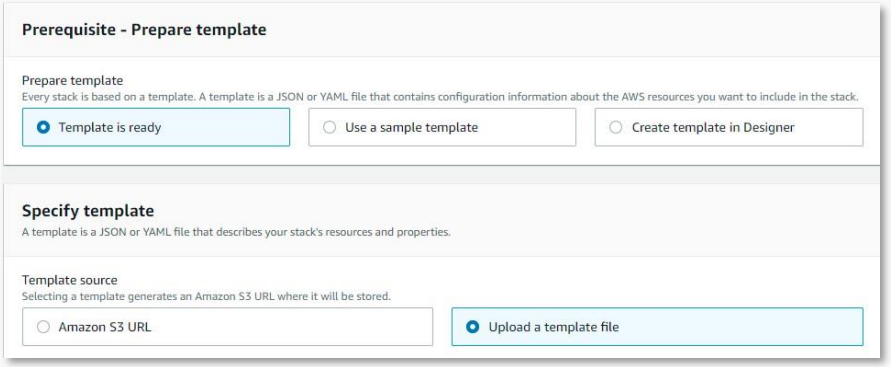
03

Subscribe to **Infscape UrBackup** by accessing https://amzn.to/3wlzu80 and clicking **Accept Terms**. (Do NOT click on "Continue the configuration")

04

Enter **Cloud Formation** in the navigation bar and select it, click on **Create Stack ▾** and select the option **With new resources (standard)**.

Fill out the form according to the following example:



05

Click on Choose File and select the **Cloud Backup template file (IM1010CloudBackup.template)** you downloaded previously.

Click on Next.

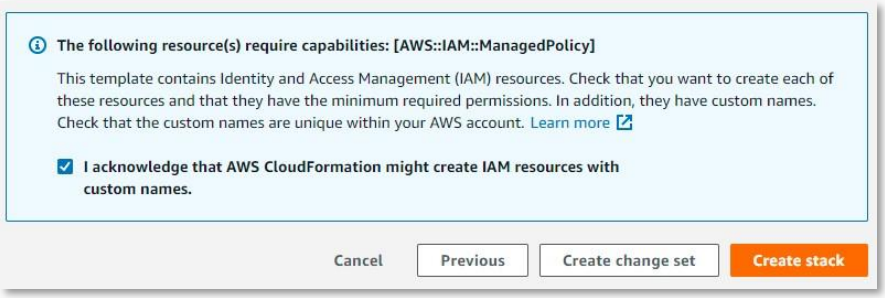
06

Give a name to your deployment (example: cloudbackup). **If necessary**, adjust the parameters.

Click on Next and then on Next again.

07

At the bottom of the next screen, **mark the checkbox "I acknowledge that AWS CloudFormation might create IAM resources with custom names."** **and click on** Create stack

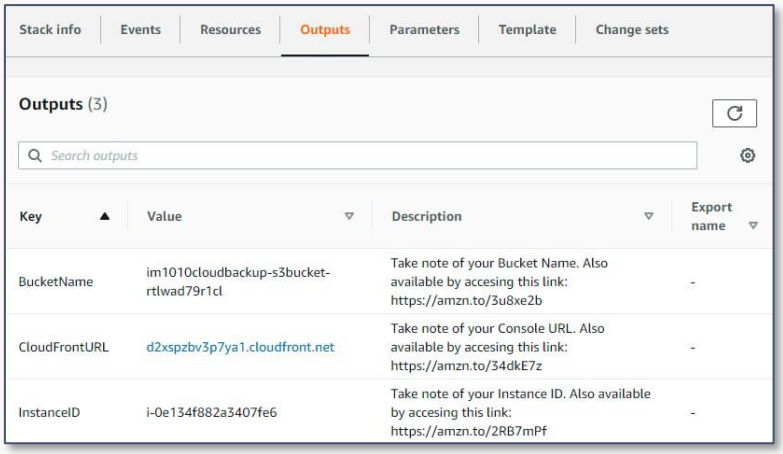


08

Click on Stack info **and wait** until status become "Create Complete"

09

Once completed, **click on** Outputs and take note of the **Bucket Name, CloudFrontURL** and **Instance ID** values.



10 Access the **CloudFrontURL** you got on **step 9**, fill out the **Instance ID** you also got on **step 9** and click Next twice.

11 Set **S3 bucket name** according to the name you got on **step 9.** Leave other fields as it and click Next

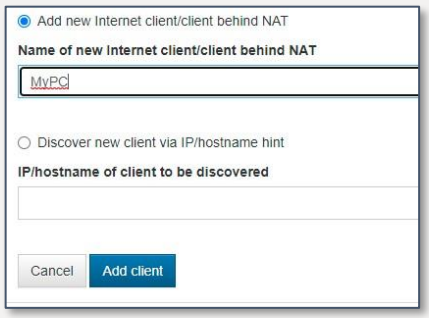
12 Define your **Admin Password** and **Repeat password** below. Also define your customer's name on **UrBackup Appliance name** field. Adjust the **Time Zone**, if necessary, mark the box **"I have read and agree to the Terms and Conditions and Privacy Policy"** and click Finish.

Example of backup configuration

13 After login in with your password, in the **Status** page, click on + Add new client .

14 Select **"Add new Internet client/client behind NAT"** and provide a name for your desktop/laptop/server.

Click on **Add client.**



15 **Click on the download option** best suited to your operating system and **execute the installer** keeping the default options.

You'll be required to specify the **files and folders** you want to protect.

With the default configurations, the backup will be done automatically every day.

16 You will find more information on how to configure your solution on this link: https://www.urbackup.org/administration_manual.html